

TABLE OF CONTENTS

Volume 48

ARTICLES

ALTON, BRADLEY M., <i>see</i> Hickey, John R. <i>et al.</i>	
BERTSCH, DAVID L., CARL E. FICHTEL, and JACOB I. TROMBKA / Instrumentation for Gamma-Ray Astronomy	113
DECKER, ROBERT B. / Computer Modeling of Test Particle Acceleration at Oblique Shocks	195
DURIC, NEBOJSA / The Origin of Cosmic Rays in Spiral Galaxies	73
ELLWOOD, J., <i>see</i> Peacock, A.	
FICHTEL, CARL E., <i>see</i> Bertsch, David L. <i>et al.</i>	
HICKEY, JOHN R., BRADLEY M. ALTON, H. LEE KYLE, and DOUGLAS HOYT / Total Solar Irradiance Measurements by ERB/Nimbus 7. A Review of Nine Years	321
HOYT, DOUGLAS, <i>see</i> Hickey, John R. <i>et al.</i>	
KYLE, H. LEE, <i>see</i> Hickey, John R. <i>et al.</i>	
LUNDIN, RICKARD / On the Magnetospheric Boundary Layer and Solar Wind Energy Transfer into the Magnetosphere	263
PEACOCK, A. and J. ELLWOOD / The High Throughput X-Ray Spectroscopy Mission: XMM	343
REGEL, L. L. / Results and Perspectives in the Field of Space Materials Science (SMS)	179
ROWAN-ROBINSON, MICHAEL / The Extragalactic Distance Scale	1
TROMBKA, JACOB I., <i>see</i> Bertsch, David L. <i>et al.</i>	

BOOK REVIEWS:

Bainum, Peter M., Ivan Bekey, Luciano Guerriero, and Paul A. Penzo (eds.), <i>Tethers in Space</i> (G. CORNET)	369
Canizares, C. R. (ed.), <i>X-Ray Astronomy – Selected Reprints</i> (K. A. POUNDS)	368
Cargill Hall, R. (ed.), <i>History of Rocketry and Astronautics</i> (K. F. WAKKER)	189
Contopoulos, G. and D. Kotsakis, <i>Cosmology, the Structure and Evolution of the Universe</i> (J. KLECZEK)	187
Deinzer, W., M. Knölker, and H. H. Voigt (eds.), <i>Small-Scale Magnetic Flux Concentrations in the Solar Photosphere</i> (CORNELIS ZWAAN)	187
Hunger, K., D. Schönberner, and N. K. Rao (eds.), <i>Hydrogen Deficient Stars and Related Objects</i> (T. R. CARSON)	189
Kamide, Y. and J. A. Slavin (eds.), <i>Solar Wind-Magnetosphere Coupling</i> (N. SEEHAFFER)	367
Kwok, S. and S. R. Pottasch (eds.), <i>Late State of Stellar Evolution</i> (C. DOOM)	370

TABLE OF CONTENTS

Lazutin, L. L., 'X-Ray Emission of Auroral Electrons and Magnetospheric Dynamics', <i>Physics and Chemistry in Space</i> , vol. 14 (B. HULTQVIST)	371
Pacini, F. (ed.), <i>High Energy Phenomena Around Collapsed Stars</i> (M. VAN DER KLIS)	369
Tattersfield, D. <i>Orbits for Amateurs with a Microcomputer</i> (H. NIEUWENHUIJSEN)	188
Verschuur, Gerrit L., <i>The Invisible Universe Revealed</i> (J. A. HÖGBOM)	367
Call for Papers	192
Forthcoming Meetings	193
Publisher's Announcement	191